

# PRODUCT DATASHEET

## SUN@HOME Bathroom Round 450mm

Sun@Home Bathroom | Bathroom Luminaires with Human Centric Lighting Technology

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### Areas of application

- Indoor applications
- Bathrooms (IP44)
- Living areas



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### Product benefits

- Adapts the light according to your Biorhythm: the right light at the right time
- Enable increased concentration and efficiency
- Improve overall activity level and daytime alertness
- Improve sleeping rhythm and -intensity
- Improve optic convenience
- Enables an improved level of clean-air-safety by killing residential germs and bad odors
- Homogenous light distribution
- Easy and quick installation

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### Product features

- Automated biorhythm feature
- Innovative Fullspectrum SunLike LEDs with CRI95
- SunLike LEDs with reduced Blue Light in LED Spectrum
- Innovative luminaire coating-technology fighting household germs and odors
- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)



- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 2,200...5,000 K
- Dimmable
- Suitable for bathroom use (IP44)

## TECHNICAL DATA

### Electrical data

Nominal wattage	20.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	80.000 mA
Inrush current	0.07 A
Inrush current time $T_{h50}$	1900 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	11
Max. number of luminaires per miniature circuit breaker C16	18
Power factor $\lambda$	$\geq 0.07$
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Mains voltage

### Photometrical data

Luminous flux	700 lm
Total luminous flux of contained light sources	1560 lm
Luminous efficacy	45 lm/W
Color temperature	2200...5000 K
Reference control setting of contained light source (Kelvin)	2700 K
Light color (designation)	Tunable White
Color rendering index Ra	> 95
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

### Dimensions & Weight

Length	470.00 mm
Width	102.00 mm
Height	112.00 mm
Product weight	1050.00 g



## SUN@HOME BATHROOM ROUND

## Materials &amp; Colors

Product color	Silver
Housing color	Silver
Body material	Metal
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

## Application &amp; Mounting

Ambient temperature range	-20...+40 °C
Type of connection	Terminal, 2-pin
Type of protection	IP44
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Mounting location	Wall / Ceiling
Application environment	Indoor
With light source	Yes

## Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Number of switching cycles	15000

## Certificates &amp; Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

## Additional product data

Product remark	Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times.
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## EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included
- Control via app or voice control requires compatible Smart home system
- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)




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## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

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## DOWNLOAD DATA

	Documents and certificates	Document name
	User instruction / safety instructions	UI SUN@HOME BATHROOM ROUND
	Declarations of conformity	SUNATHOME BATHROOM ROUND
	Declarations of conformity UKCA	SUNATHOME

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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075750654	Folding box 1	122 mm x 502 mm x 133 mm	1271.00 g	8.15 dm <sup>3</sup>
4058075750661	Shipping box 4	285 mm x 263 mm x 528 mm	5769.00 g	39.58 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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## References / Links

- Further information and frequently asked questions (FAQs) at [www.ledvance.com/consumer/smart/faq](http://www.ledvance.com/consumer/smart/faq)

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